Place transmitter on trailer at window level of the tow vehicle for best reception.

Camera

Camera Cable

Transmitter

Monitor/Receiver

Camera

Camera Cable

Transmitter

Monitor/Receiver

AOM56WXSYS
Wireless
Observation System

MONITOR FEATURES:

- 5.6" high performance LCD monitor with 12V accessory plug
- Built-in speaker
- Convenient front controls (power on/off, brightness adjust
- Allows full time rear viewing while driving
- Comes with suction cup monitor mount that allows monitor to be easily mounted to the windshield of any tow vehicle
- Monitor can move from one tow vehicle to another
- Monitor dimensions: 5-7/8"W x 5-1/4"H x 1-1/4"D

CAMERA FEATURES:

- 12 Volt
- Infrared LED illumination for enhanced low light performance
- Mirror image
- Locking waterproof cable connector for durability and long life
- Non-corrosive mounting bracket Stainless steel hardware
- Wide viewing angles
- Camera dimensions: 2-11/16"W x 1-5/8"H x 2-1/2"D

AOM56WXSYS PACKAGE INCLUDES: One 5.6" Color LCD Monitor with 12V Accessory Plug, One Suction Cup Monitor Mount, One Rear Color Camera, One Cable for Trailer, Transmitter, Receiver, Stainless Steel Hardware, Non-Corrosive Mounting Bracket.

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Planning the Installation

Before you begin, consider the following points:

- **Line of Sight:** For optimum reception, place the transmitter so that it is level with the receiver/monitor in the tow vehicle, preferably at window level, allowing the signal to transmit through glass (see back page).
- **Accessing a Power Source:** The power source you choose must be ON for the transmitter and camera to power up. Consider using clearance lights or running lights as a source of power, keeping in mind that your lights will need to be on for the power to travel to the transmitter/camera.
- **Routing Wires:** When routing the camera extension cables from the camera, choose a route that will protect the cable from sharp objects and debris that could damage the cable.

Installing the Transmitter (WLO24TX)

1. Choose an appropriate location for the transmitter.
2. Drill a 1" hole to route the power and extension cables through.
3. Run the camera extension cable from the camera to the transmitter.
4. Run the power and ground from the power source to the transmitter.
5. Attach the transmitter to a clean/dry surface using the 3M adhesive tape ring (supplied).

Wiring the Transmitter and Camera

CAMERA EXTENSION CABLE

To 12 Volt (+)

To Ground (−)

CAMERA

TRANSMITTER
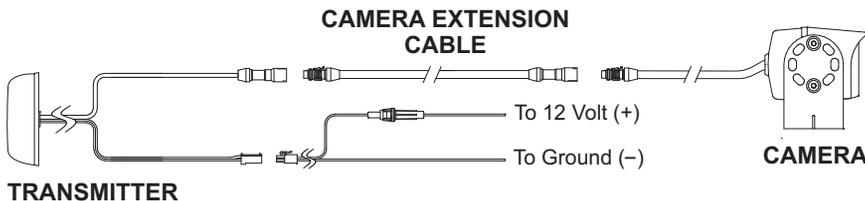
IMPORTANT NOTE:

This system operates at 2.4GHz and may interfere with or be interfered by devices that operate on the same frequency (i.e. cordless phones, garage door openers, wireless security systems). Encountering short periods of interference while driving is considered normal operation. If you experience severe interference or picture distortion, change the transmitting/receiving channel (see "Choosing a Transmission Channel). If that does not improve the performance, look for an interference source near the vehicle and turn it off, keeping in mind that the interference source could be another vehicle with the same observation system.

Installing the Receiver (WLO24RX)

The receiver comes pre-attached to the LCD monitor in the AOM56WXSYS kit for easy installation. Attach the supplied suction cup mount to the back of the receiver/monitor using the screw supplied (see Figure 1). Place the receiver/monitor in a location that will not obstruct your ability to safely operate and view outside your vehicle. When using the suction cup mount supplied, choose a smooth surface area free of texture or any film that would impede it's ability to grip firmly. The hole pattern on the back of the receiver/monitor is a standard cell phone mount pattern, allowing you many options. When choosing a mounting option other than the suction cup mount supplied in the AOM56WXSYS, choose a mounting device suitable to sustain the combined weight of the receiver/monitor.

FIGURE 1

FIGURE 2
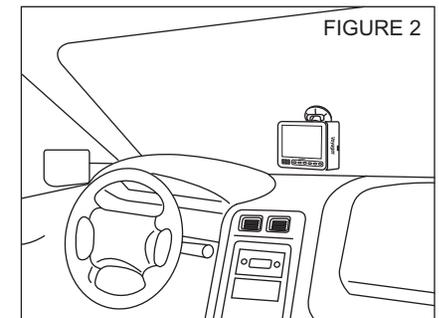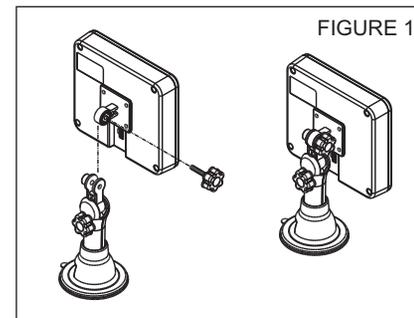
Choosing a Transmission Channel

The transmitter and receiver can operate on one of four different channels. The channel switches for the transmitter are located behind the rubber plug on the bottom outside of the transmitter. The channel switches for the receiver are located on the side of the receiver.

Voyager
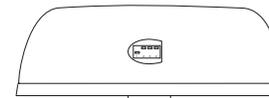
The transmitter channel and receiver channel must be set to the same channel (1-4) to operate.

OFF

ON

1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Channel #1 ON	Channel #2 ON	Channel #3 ON	Channel #4 ON